

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT****(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.

RLL-236US

In Re Application Of: **SALMAN et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/510,362	8 April 2002	TBA	26815	TBA	6318

Title:

**alpha,omega--DICARBOXIMIDE DERIVATIVES AS USEFUL URO-SELECTIVE alpha1A ADRENOCEPTOR BLOCKERS**

Address to:

**Commissioner for Patents****P.O. Box 1450****Alexandria, VA 22313-1450****37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

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## Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 50-0912 as described below.
- ☐ Charge the amount of \_\_\_\_\_
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Dated: May 26, 2005

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# INFORMATION DISCLOSURE CITATION

Docket No.: RLL-236US

Serial No.: 10/510,362

Applicants: SALM  et al.

Filed: 10/5/2004

Group:

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	4,479,954	10/30/1984	Hirose et al.	424	251	
	A2	4,524,206	6/18/1985	New et al.	544	230	
	A3	4,543,355	9/24/1985	Ishizumi et al.	514	253	
	A4	4,567,180	1/28/1986	Hirose et al.	514	253	
	A5	4,598,078	7/1/1986	Ishizumi et al.	514	252	
	A6	4,745,117	5/17/1988	Ishizumi et al.	514	254	
	A7	4,748,240	5/31/1988	Stack et al.	544	47	
	A8	4,797,488	1/10/1989	Stack et al.	544	295	
	A9	4,804,751	2/14/1989	Abou-Gharbia	540	575	
	A10	4,824,999	4/25/1989	Stack	562	498	
	A11	4,871,739	10/3/1989	Baldwin et al.	514	254	
	A12	4,892,943	1/9/1990	Abou-Gharbia	540	575	
	A13	4,957,913	9/18/1990	Abou-Gharbia et al.	514	216	
	A14	5,183,819	2/2/1993	Abou-Gharbia et al.	514	255	
	A15	5,330,762	7/19/1994	Ayer et al.	424	473	
	A16	5,420,278	5/30/1995	Cliffe	544	392	
	A17	6,083,950	7/4/2000	Anand et al.	514	252	
	A18	6,090,809	7/18/200	Anand et al	514	252	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES   NO
	B1	WO 93/21179	10/28/1993	PCT	C07D	403/06	
	B2	WO 98/37893	9/3/1998	PCT	A61K	31/495	x - Abstract
	B3	WO 00/05206	2/3/2000	PCT	C07D	207/40	

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	B4	WO 02/44151	6/6/2002	PCT	C07D	209/48	
	B5	EP 0 748 800	5/9/2001	EPO	C07D	239/54	
	B6	IN 496/DEL/95					
	B7	IN 500/DEL/95					
	B8	IN 96/DEL/96					

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C1	Heible & Caine, "Etiology of benign prostatic hyperplasia and approaches to its pharmacological management", <i>Federation Proceedings</i> , <u>45</u> (11):2601-2603 (1986)
C2	Lepor & Rigaud, "The Efficacy of Transurethral Resection of the Prostate in Men with Moderate Symptoms of Prostatism", <i>The Journal of Urology</i> , <u>143</u> :533-537 (1990)
C3	Wennberg et al., "Use of Claims Data Systems to Evaluate Health Care Outcomes. Mortality and Reoperation Following Prostatectomy", <i>JAMA</i> , <u>257</u> (7):933-936 (1987)
C4	Gormley et al., "The Effect of Finasteride in Men with Benign Prostatic Hyperplasia", <i>The New England Journal of Medicine</i> , <u>327</u> (17):1185-1191 (1992)
C5	Oesterling, "Benign Prostatic Hyperplasia - Medical and Minimally Invasive Treatment Options", <i>The New England Journal of Medicine</i> , <u>332</u> (2):99-109 (1995)
C6	Harrison et al., "Molecular characterization of $\alpha$ 1- and $\alpha$ 2-adrenoceptors", <i>Trends in Pharmacological Sciences</i> , <u>12</u> :62-67 (1991)
C7	Bruno et al., "Molecular Cloning and Sequencing of a cDNA Encoding a Human $\alpha$ 1A Adrenergic Receptor", <i>Biochemical and Biophysical Research Communications</i> , <u>179</u> (3):1485-1490 (1991)
C8	Forray et al., "The $\alpha$ 1-Adrenergic Receptor that Mediates Smooth Muscle Contraction in Human Prostate Has the Pharmacological Properties of the Cloned Human $\alpha$ 1c Subtype", <i>Molecular Pharmacology</i> , <u>45</u> :703-708 (1994)
C9	Hirasawa et al., "Cloning, functional expression and tissue distribution of human cDNA for the $\alpha$ 1C-adrenergic receptor", <i>Biochemical and Biophysical Research Communications</i> , <u>195</u> (2):902-909 (1993)
C10	Ramarao et al., "Genomic Organization and Expression of the Human $\alpha$ 1B-Adrenergic Receptor", <i>The Journal of Biological Chemistry</i> , <u>267</u> :21936-21945 (1992)
C11	Schwinn et al., "Cloning and Pharmacological Characterization of Human Alpha-1 Adrenergic Receptors: Sequence Corrections and Direct Comparison with Other Species Homologues", <i>The Journal of Pharmacology and Experimental Therapeutics</i> , <u>272</u> (1):134-142 (1995)

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C12	Weinberg et al., "Cloning, Expression and Characterization of Human $\alpha$ Adrenergic Receptors $\alpha$ 1A, $\alpha$ 1B and $\alpha$ 1C", <i>Biochemical and Biophysical Research Communications</i> , <u>201</u> (3):1296-1304 (1994)
C13	Hatano et al., "Pharmacological evidence of distinct $\alpha$ 1-adrenoceptor subtypes mediating the contraction of human prostatic urethra and peripheral artery", <i>Br. J. Pharmacol.</i> , <u>113</u> :723-728 (1994)
C14	Marshall et al., "Noradrenaline contractions of human prostate mediated by $\alpha$ 1A- ( $\alpha$ 1C-) adrenoceptor subtype", <i>British Journal of Pharmacology</i> , <u>115</u> :781-786 (1995)
C15	Yamada et al., "Alpha 1-adrenoceptors in human prostate: characterization and binding characteristics of alpha 1-antagonists", <i>Life Sci.</i> , <u>54</u> (24):1845-1854 (1994)
C16	Cross et al., "Substituted trifluoromethyl phenyl piperazines as anorectic agents", <i>Eur. J. Med. Chem. - Chemica Therapeutica</i> , <u>12</u> (2):173-176 (1977)
C17	Samant and Kulkarni, "N-(N4-Aryl-N1 piperazinylmethyl)-4-(4'-methoxyphenyl)-piperidine-2,6-diones: CNS Depressants", <i>J. Indian. Chem. Soc.</i> , <u>LVI</u> :819-821 (1978)
C18	Samant and Kulkarni, "Synthesis and Pharmacology of N-(N4-Aryl-N1-Piperazinyl-alkyl) Phthalimides: CNS Depressants", <i>J. Indian. Chem. Soc.</i> , <u>LVI</u> :1002-1005 (1979)
C19	van de Waterbeemd and Testa, "Theoretical Conformational Studies of Some Dopamine Antagonistic Benzamide Drugs: 3-Pyrrolidyl- and 4-Piperidyl Derivatives", <i>Journal of Medicinal Chemistry</i> , <u>26</u> :203-207 (1983)
C20	Michel et al, "Identification of a single $\alpha$ 1-adrenoceptor corresponding to the $\alpha$ 1A-subtype in rat submaxillary gland", <i>Br J. Pharmacol.</i> , <u>98</u> :883-889 (1989)
C21	U'Prichard et al., "Prazosin: Differential Affinities for Two Populations of $\alpha$ -Noradrenergic Receptor Binding Sites", <i>European Journal of Pharmacology</i> , <u>50</u> :87-89 (1978)
C22	Cheng & Prusoff, "Relationship Between the Inhibition Constant (K1) and the Concentration of Inhibitor Which Causes 50 per cent Inhibition (I50) of an Enzymatic Reaction", <i>Biochemical Pharmacology</i> , <u>22</u> :3099-3108 (1973)
C23	Brune et al., "Effects of Selective and Nonselective Alpha-1-Adrenoceptor Antagonists on Intraurethral and Arterial Pressures in Intact Conscious Dogs", <i>Pharmacology</i> , <u>53</u> :356-368 (1996)

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